

Rowley Regis Urban District Council,

STAFFORDSHIRE.

ANNUAL REPORT

FOR THE YEAR 1896,

OF

THE MEDICAL OFFICER OF HEALTH,

WITH

SCHEDULES OF WORK DONE IN THE DEPARTMENTS

OF

THE SURVEYOR


AND

THE SANITARY INSPECTOR.

DUDLEY :

PRINTED AT THE "HERALD" PRINTING AND BOOKBINDING WORKS.

1897.



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TABLE I.

Showing the BIRTHS, DEATHS, and Rate of Mortality in the Year 1896.

Births	Deaths	Annual Death Rate per 1,000, from					Per Centage of Deaths under One Year to Deaths registered	Per Centage of Total Deaths to Deaths.						
		Birth Rate	All Causes	Zymotic Diseases	Phthisis	Lungs		Heart	Of Infants under One Year of age	Of Persons over 65 Years of age	From Zymotic Diseases	From Phthisis	From Lungs	From Heart
1216	622	36	18.4	3.76	3.8	3.76	.71	18.25	35.7	16.4	20.4	2.09	20.4	3.86

TABLE II.

Showing the BIRTHS and DEATHS from all causes, and from certain special causes during the Year 1896.

Quarter ending	Births	Deaths from all causes	DEATHS FROM			
			Zymotic Disease	Phthisis	Disease of Lungs	Heart Disease
March 31st ...	291	170	49	4	28	7
June 30th ...	299	133	36	0	18	8
September 30th ...	302	127	23	5	15	6
December 31st ...	324	192	19	4	66	3
Total ...	1216	622	127	13	127	24

TABLE III.

Showing the Rate of Mortality in each Quarter of 1896.

Quarter ending	Death Rate per 1,000 per annum from all causes	PER CENTAGE PER ANNUM TO TOTAL DEATHS OF DEATHS.		
		Of Infants under One Year of Age	Of Persons over 65 Years of Age	Zymotic Diseases
March 31st	5·03	9·16	3·22	7·9
June 30th	3·93	6·6	3·38	5·8
September 30th	3·76	8·04	3·70	3·7
December 31st	5·7	11·9	6·10	3·0

TABLE IV.

Showing the numbers of DEATHS at two groups of Ages from the Principal Zymotic Diseases in each Quarter of 1896.

Quarter ending	8 Principal Zymotic Diseases.		Smallpox.		Croup.		Scarlet Fever.		Diphtheria.		Puerperal Fever.		Typhoid Fever.		Cholera.		Erysipelas.	
	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5
March 31st ...	4	4	0	0	0	0	3	3	0	0	0	0	1	1	0	0	0	0
June 30th ...	5	4	0	0	3	1	2	0	0	0	0	0	0	3	0	0	0	0
September 30th ...	3	4	0	0	2	0	1	1	0	0	0	0	0	1	0	0	0	2
December 31st ...	5	1	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0
	14	13	0	0	5	1	0	5	3	0	0	0	1	5	0	0	0	2

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„ „ IV.—Deaths from principal Zymotic Diseases in each Quarter of the year } ...	ditto
„ „ V.—Supplementary Table of Mortality...	5
Local Government Board's Form A.—Deaths 	6—7
„ „ „ „ B.—Population, Births } new cases of Infectious Sickness }	ditto
County Council Form A.—Deaths 	10—11
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TABLE I.

Showing the BIRTHS, DEATHS, and Rate of Mortality in the Year 1896.

Births	Deaths	Birth Rate	Annual Death Rate per 1,000, from					Per Centage of Deaths under One Year to Deaths registered	Per Centage of Total Deaths to Deaths.					
			All Causes	Zymotic Diseases	Phthisis	Lungs	Heart		Of Infants under One Year of age	Of Persons over 65 Years of age	From Zymotic Diseases	From Phthisis	From Lungs	From Heart
1216	622	36	18.4	3.76	3.8	3.76	.71	18.25	35.7	16.4	20.4	2.09	20.4	3.86

TABLE II.

Showing the BIRTHS and DEATHS from all causes, and from certain special causes during the Year 1896.

Quarter ending	Births	Deaths from all causes	DEATHS FROM			
			Zymotic Disease	Phthisis	Disease of Lungs	Heart Disease
March 31st ...	291	170	49	4	28	7
June 30th ...	299	133	36	0	18	8
September 30th ...	302	127	23	5	15	6
December 31st ...	324	192	19	4	66	3
Total ...	1216	622	127	13	127	24

TABLE III.

Showing the Rate of Mortality in each Quarter of 1896.

Quarter ending	Death Rate per 1,000 per annum from all causes	PER CENTAGE PER ANNUM TO TOTAL DEATHS OF DEATHS.		
		Of Infants under One Year of Age	Of Persons over 65 Years of Age	Zymotic Diseases
March 31st ...	5.03	9.16	3.22	7.9
June 30th ...	3.93	6.6	3.38	5.8
September 30th ...	3.76	8.04	3.70	3.7
December 31st ...	5.7	11.9	6.10	3.0

TABLE IV.

Showing the numbers of DEATHS at two groups of Ages from the Principal Zymotic Diseases in each Quarter of 1896.

Quarter ending	8 Principal Zymotic Diseases.		Smallpox.		Group.		Scarlet Fever.		Diphtheria.		Puerperal Fever.		Typhoid Fever.		Cholera.		Erysipelas.	
	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5
March 31st ...	4	4	0	0	0	0	3	3	0	0	0	0	1	1	0	0	0	0
June 30th ...	5	4	0	0	3	1	2	0	0	0	0	0	0	3	0	0	0	0
September 30th ...	3	4	0	0	2	0	1	1	0	0	0	0	0	1	0	0	2	2
December 31st ...	5	1	0	0	0	0	3	1	2	0	0	0	0	0	0	0	0	0
	17	13	0	0	5	1	9	5	2	0	0	0	1	5	0	0	2	2

TABLE V.

Supplementary Table showing number of DEATHS at two groups of Ages from other Zymotic Diseases not included in Table IV.

Quarter ending	Measles.		Whooping Cough.		Diarrhoea.		Influenza.	
	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5
March 31st	25	0	11	1	1	0	0	3
June 30th	21	1	4	0	1	0	0	0
September 30th	2	0	6	0	8	0	0	0
December 31st	1	0	4	1	2	0	0	5
	49	1	25	2	12	0	0	8

(A) **TABLE OF DEATHS** during the Year
classified according to DIS

NAMES OF LOCALITIES adopted for the purpose of these Statistics ; public institutions being shown as separate localities. (Columns for Population and Births are in Table B.) (a)	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.							MORTALITY FROM			
	At all Ages.	Under 1 year.	1 year and under 5	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.		1	2	3
	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Small-pox.	Scarlatina.	Diphtheria.
ROWLEY REGIS URBAN DISTRICT.	622	222	135	20	20	123	102	Under 5	0	9	2
							
								5 upwds.	0	5	0
The subjoined numbers have also to be taken in											
Deaths occurring outside the district among persons belonging thereto.	14	0	0	1	1	7	5	Under 5			
							
								5 upwds.			

(B) **TABLE OF POPULATION, BIRTHS, AND DEATHS**
coming to the knowledge of the Medical Officer
Rowley Regis Urban District ; classified according to

NAMES OF LOCALITIES adopted for the purpose of these Statistics ; public institutions being shown as separate localities. (a)	Population at all ages.		Registered Births. (d)	A un ov
	Census 1891	Estimated to middle of 1896		
	(b)	(c)		
ROWLEY REGIS. URBAN DISTRICT.	30791	33800	1216	Un 5 up

State here whether "Notification of Infectious Disease" is com
Besides the above-mentioned Diseases, insert in the Columns wi
and fill the columns accordingly. State here the name of the
Locality in which such Hospital is situated ; and if not within

BOARD FORMS.)

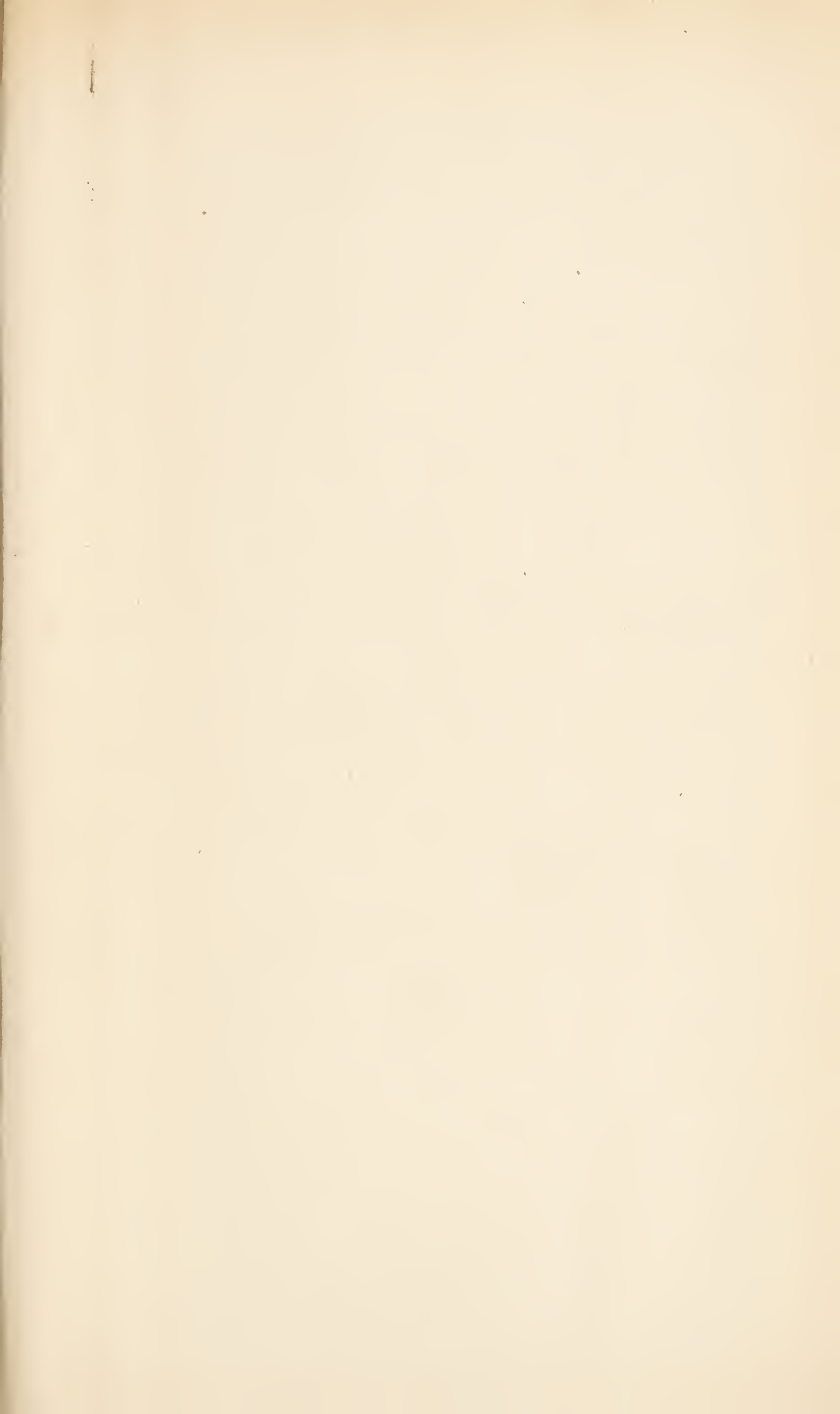
6, in the ROWLEY REGIS Urban District,
AGES, AND LOCALITIES.

NED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER 5 YEARS OF AGE.																	
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
FEVERS.																	
Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Influenza.	Injuries.	All Other Diseases.	Total.	
1	0	0	0	0	0	49	25	12	0	1	70	1	0	8	174	357	
5	0	0	0	0	2	1	2	0	0	12	57	23	8	17	132	265	
at in judging of the above records of mortality.																	
								1			1			2	10	14	

NEW CASES OF INFECTIOUS SICKNESS,
fficer of Health, during the Year 1896, in the
ccording to DISEASES, AGES AND LOCALITIES.

New Cases of Sickness in each locality, coming to the knowledge of the Medical Officer of Health.												
1	2	3	4	5	6	7	8	9	10	11	12	13
	Scarlatina	Diphtheria	Membranous Croup	FEVERS.					Cholera	Erysipelas		
				Typhus	Enteric or Typhoid	Continued	Relapsing	Puerperal				
0	130	8	8	0	2	0	0	0	0	3		
0	191	2	2	0	30	0	0	1	0	24		

in the District ; Yes. Since when? February 1st, 1890.
headings the names of any that are notifiable in the District,
Hospital used by the sick of the District. Mark (H) the
rict, state where it is situated—Small Pox Hospital, Tividale.



(COUNTY)

ANNUAL REPORT OF MED

URBAN SANITARY D

(A) DEATHS registered during the year 1898
showing also the Population of such

NAMES OF LOCALITIES adopted for the purpose of these Statistics; Pub- lic Institutions being shown as separate Lo- calities.	Population.		Registered Births.			Deaths from all causes at ages.					
	Census, 1891.	Estimated to middle of 1896.	Males.	Females.	Total.	At all ages.			Under 1 year.	1 year and under 5.	5 years and under 15.
						Males.	Females.	Total.			
ROWLEY REGIS URBAN DISTRICT.	30791	33800	619	597	1216	315	307	622	222	135	20
Deaths occurring outside the District among persons belonging thereto which may be added to the above in estimating the rate of mortality ... }						8	6	14	0	0	1
Deaths occurring within the District among persons not belonging thereto which may be deducted from the above totals in estimating the rate of mortality }											

ANNUAL REPORT OF MED

URBAN SANITARY D

(B) New Cases of Infectious Sickness coming to the know
the Number of Houses Infected, the Total Number
in Infectious Hospitals.

		Smallpox.	Scarlatina.
Houses infected		0	26
Total cases reported among persons belonging to District	Under 5	0	13
	5 & upwds.	0	19
Total deaths reported among persons belonging to District	Under 5	0	
	5 & upwds.	0	
Cases treated in Hospital among per- sons belonging to District	Under 5		
	5 & upwds.		
Deaths occurring in Hospital among persons belonging to District	Under 5		
	5 & upwds.		

Is " Notification of Infectious Diseases " Compu
Is Measles included among t
Is Whooping Cough "
Is an Isolation Hospital avail
Area of District in a

OFFICER OF HEALTH, 1896.

CT OF ROWLEY REGIS.

ified according to DISEASES, AGES, AND LOCALITIES;
ities and the Births therein during the year.

d		Mortality from subjoined causes, distinguishing deaths of Children under 5 years of age.																					
65 years and upwards.			Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Fevers.					Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea or Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.	Influenza.
							Typhus.	Enteric or Typhoid.	Contin'd.	Relapsing.	Puerperal.												
102	Under 5.	0	9	2	5	0	1	0	0	0	0	0	49	25	12	0	1	70	1	8	174	0	
	5 upwds.	0	5	0	1	0	5	0	0	0	0	2	1	2	0	0	12	57	23	17	132	8	
5	Under 5.																						
	5 upwds.														1			1		2	10		
	Under 5.																						
	5 upwds.																						

Signed, J. G. BEASLEY, M.O.H.

OFFICER OF HEALTH, 1896.

CT OF ROWLEY REGIS.

the Medical Officer of Health during the year 1896, enumerating
as, also the Number of Cases Treated and the Deaths that occurred

Membranous Croup.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Puerperal Fever.	Cholera.	Erysipelas	Measles.	Whooping Cough.
10	0	26	0	0	2	0	22		
8	0	2	0	0	0	0	3	not notified	
2	0	30	0	0	2	0	24		
5	0	1	0	0	0	0	0	49	25
1	0	5	0	0	0	0	2	1	2

the District? Yes. Since when? February 1st, 1890.
res notified? No.
No.
the District? For Smallpox only.

Signed, J. G. BEASLEY, M.O.H.

ROWLEY REGIS URBAN DISTRICT COUNCIL.

Annual Report of the Medical Officer of Health

For the Year Ending December, 31st, 1896.

Rowley Regis,

February, 1897.

Mr. Chairman and Gentlemen,

This report will be written on the same lines as its predecessors, and will contain a condensed account of the Births, Deaths, Rates of Mortality from General and Special Causes, Cases of Infectious Sickness Notified, and an Epitome of Sanitary Work for the past year. In explanation of these Tables I must remind you that Tables I. to V are condensed statistics of my own arrangement, and that Tables A and B Local Government Forms and A, B, and C County Council Form are as demanded by those two bodies.

The calculations are all based on an estimated population of thirty-three thousand eight hundred inhabitants.

LOCALITY Sanitary Urban Dis- trict of Rowley Regis containing--	Area in Statistic Acres.	Inhabited Houses.	Void Houses.	Population.	
				Census 1891.	Estimated to middle of 1896.
Tividale Ward ...	984	517	28	2632	
Rowley Regis Ward	1347	916	35	5006	
Blackheath Ward...	188	1204	9	5830	
Old Hill Ward ...	599	1894	29	9128	
Cradley Heath Ward	552	1680	19	8195	
Total ..	3670	6211	120	30791	33800

BIRTHS.

Twelve hundred and sixteen births have been registered during the past year, viz., six hundred and nineteen males and five hundred and ninety-seven females, giving an annual average birth rate of 36 per 1000 inhabitants, as against 37·6 for 1895

MORTALITY RETURNS.

Six hundred and twenty-two deaths have been registered, viz., three hundred and fifteen males and three hundred and seven females, giving an annual death rate of 18·4 per 1000 inhabitants, as against 18·7 for 1895.

In the first quarter—One hundred and seventy deaths were		
recorded, viz.		
	Under five years of age	111
	Five years and upwards	59
In the second quarter—One hundred and thirty-three deaths		
were recorded, viz.		
	Under five years of age	79
	Five years and upwards	54
In the third quarter—One hundred and twenty-seven deaths		
were recorded, viz.		
	Under five years of age	71
	Five years and upwards	56
In the fourth quarter—One hundred and ninety-two deaths		
were recorded, viz.		
	Under five years of age	96
	Five years and upwards	96
		<hr/>
		622
		<hr/>

Two hundred and twenty-two deaths have been registered under		
one year, giving an annual death rate of	... ..	6·59
One hundred and thirty-five deaths have been registered between		
one and five years, giving an annual death rate of	... ..	3·99
Twenty deaths have been registered between five and fifteen		
years, giving an annual death rate of	... ..	·59
Twenty deaths have been registered between fifteen and twenty-		
five years, giving an annual death rate of	... ..	·59
One hundred and twenty-three deaths have been registered		
between twenty-five and sixty-five years, giving an annual		
death rate of	... ..	3·63
One hundred and two deaths have been registered over sixty-		
five years, giving an annual death rate of	... ..	3·01
		<hr/>
		18·4
		<hr/>

The mortality amongst infants is still very high, viz., three hundred and fifty-seven out of a total of six hundred and twenty-two at all ages.

These deaths have been certified as due to the following causes :—

Scarlet Fever	...	...	...	...	...	...	...	9
Measles	...	...	...	...	...	...	...	49
Whooping Cough	...	...	...	...	...	...	...	25
Diarrhœa...	...	...	...	...	...	...	...	12
Other Zymotic Diseases...	...	...	...	...	...	...	...	8
Affections of Respiratory Organs	...	...	...	...	...	...	...	70
Injuries	...	...	...	...	...	...	...	8
*Debility from Birth	..	...	...	...	...	...	...	67
Convulsions	...	...	...	...	...	...	...	13
Dentition	...	...	...	...	...	...	...	11
Marasmus	...	...	...	...	...	...	...	29
All other causes	...	...	...	...	...	...	...	56
								<hr/> 357 <hr/>

* Fifty of these occurred within one month of birth.

I have information of fourteen deaths occurring outside the parish of persons belonging thereto, viz., three at the Guest Hospital and eleven at the Dudley Workhouse.

The following Tables show the distribution of sickness and deaths from the notified zymotic diseases throughout the parish, at two groups of ages, in specified areas, taking each Ward as an area and giving the populations according to the census of 1891.

Population, Census 1891,
2632.

Brades Road
Dingle Street
Brades Row
Brades Village
Salop Street
Albion Street
Roway Lane
Dudley Road
Upper Chapel Street
Britannia Street
Lower Chapel Street
Tipton Road
Groveland Road
Groveland
Crown Bob Colliery
Hange Collieries
Parker's Lane
California (back of
Oakam Colliery)
City
Lye Cross
Darby's Hill
Oakam (Mr. Jones'
side, part of)

[illegible]

ROWLEY REGIS
WARD.

Population, Census 1891,
5005.

STREET LIST.

Oakam (from boundary
by Mr. Jones' to Wheat-
sheaf, South side.

Turner's Hill

Birmingham Road (from
Endowed School to
Mr. Joseph Harper's)

Rowley Village

Siviter's Lane

ROSS

Shepherd's Fold

Yew Tree Lane

Powke Lane (from
Southall's to Canal)

Moor' Lane

Bell End

Church Road

Hawes Lane

Dudley Road

Springfield Lane

Dog Lane (above Canal)

Bullfield

Tippity Green

Perry's Lake

Gadd's Green

Hailstone Hill

Portway Road

Throne

Whiteheath Gate (Chapel
side)

Mincing Lane (above
Oldbury Road)

First Quarter.

Sickness	Under 5 yrs.		6		1		1		
	Over 5 yrs.		22			3	2		
Deaths	Under 5 yrs.		2						
	Over 5 yrs.		2						

Second Quarter.

Sickness	Under 5 yrs.		8		1	1			
	Over 5 yrs.		25			2	2		
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Third Quarter.

Sickness	Under 5 yrs.		11						
	Over 5 yrs.		11			2			
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Fourth Quarter.

Sickness	Under 5 yrs.		1						
	Over 5 yrs.		6			2			1
Deaths	Under 5 yrs.								
	Over 5 yrs.								

BLACKHEATH WARD.

Population, Census 1891,
5830.

STREET LIST.

Oldbury Road

Mott Street

Birmingham Road
(No. 14 to 68)High Street (except
small part in Rowley
Regis Ward)

Short Street

Causeway

Halesowen Street

Hackett Street

Cross Street

John Street

Union Street

Darby Street

Powke Lane (Nos. 1
to 27)

Terrace Street

Tump Road

Holly Road

Whiteheath Gate
(Robinson's side)Mincing Lane (four
doors below Oldbury
Road)Waterfall Lane (above
Canal)

Tory Street

Gorsty Hill Road

Granville Road (three
houses above Canal)

Smallpox

Scarlet Fever

Diphtheria

Croup

Erysipelas

Enteric Fever

Continued Fever

Puerperal Fever

Cholera

First Quarter.

Sickness	Under 5 yrs.		18						
	Over 5 yrs.		20			2	3		
Deaths	Under 5 yrs.						1		
	Over 5 yrs.								

Second Quarter.

Sickness	Under 5 yrs.		16	1		1			
	Over 5 yrs.		17	2	1	3			
Deaths	Under 5 yrs.								
	Over 5 yrs.				1				

Third Quarter.

Sickness	Under 5 yrs.		8		2	1			
	Over 5 yrs.		15			1	3		
Deaths	Under 5 yrs.				1				
	Over 5 yrs.					1			

Fourth Quarter.

Sickness	Under 5 yrs.		5						
	Over 5 yrs.		8			2			1
Deaths	Under 5 yrs.								
	Over 5 yrs.		1						

OLD HILL WARD.

Population, Census 1891,
9128.

STREET LIST.

Powke Lane (part
below Canal)

Windmill End

Dog Lane (part below
Canal)

Halesowen Road

Haden Hill

Hayseeh

Mayseel Pig Lane

Waterfall Lane (below
Canal)

Granville Road (late
Gorsty Hill)

Beauty Bank

Cherry Orchard

Wright's Lane

Wright's Lane
Lion Road. Wagon
Street

King Street. Elbow St.

Garratt's Lane

Best Street, Cross Street

Queen Street, Wellington

Bank Street. Dudley St.

Spring Meadow

Trinity St. Mace St.

Siddaway St. Church St.

Court St. New St.

Riddins St. Holloway

St. (late part of Rid-
dins St.)

Jackson's St. (late part
of Riddins St.)

Peartree St. Peartree
Lane (Pack Horse side)

Lawrence Lane (the whole except part in Cradley Heath Ward)

Claremont Street

Reddal Hill Road from
No. 1 to Lawrence
Lane one side and
from Reddal Hill
Schools, back to the
Cross.

Smallpox
Scarlet Fever
Diphtheria
Croup
Erysipelas
Enteric Fever
Continued Fever
Puerperal Fever
Cholera

First Quarter.

Sickness	Under 5 yrs.		6	1	1				
	Over 5 yrs.		10				3		
Deaths	Under 5 yrs.		1						
	Over 5 yrs.		1				1		

Second Quarter.

Sickness	Under 5 yrs.		4	1	1		1		
	Over 5 yrs.		7			1	9		
Deaths	Under 5 yrs.		2		2				
	Over 5 yrs.						3		

Third Quarter.

Sickness	Under 5 yrs.		9						
	Over 5 yrs.		10			2	1		
Deaths	Under 5 yrs.		1						
	Over 5 yrs.		1						

Fourth Quarter.

Sickness	Under 5 yrs.		9	5					
	Over 5 yrs.		10			1			
Deaths	Under 5 yrs.		3	2					
	Over 5 yrs.								

CRADLEY HEATH
WARD.

Population, Census 1891,
8195.

STREET LIST.

Pear Tree Lane (part
of Pack Horse)
Petford Street
Pearson Street
Lawrence Lane (from
Pear Tree Lane to
Reddall Hill, T. Parkes
and Son's Side)
Plant Street
Reddall Hill Road (part
not included in Old
Hill Ward)
Park St. Oak St.
Newtown Street
Hingley Street
Spinner's End
Holly Bush Street
Meredith St. Allbut St.
St. Luke Street
School St. Lomey Town
Silverthorne Lane
Forge Lane
Wood's Lane
Whitehall Lane
Compton Road
Scholding Green Road
Cradley Road
Grainger's Lane
Stour Colliery
Beehive Street
Cokeland Place
Station Street
Chester Road
Corngreaves Road
Surfeit Hill
Queen Street
King Street
Tibbett's Gardens
High Street
Foxoak Street
Bank Street
New Town Lane
Bannister Street (top
of New Town Lane)
Providence Street

Smallpox	Scarlet Fever	Diphtheria	Croup	Erysipelas	Enteric Fever	Continued Fever	Puerperal Fever	Cholera
----------	---------------	------------	-------	------------	---------------	-----------------	-----------------	---------

First Quarter.

Sickness	Under 5 yrs.		10						
	Over 5 yrs.		8			1	1		
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Second Quarter.

Sickness	Under 5 yrs.		12		1				
	Over 5 yrs.		15				5		
Deaths	Under 5 yrs.				1				
	Over 5 yrs.								

Third Quarter.

Sickness	Under 5 yrs.		2		1				
	Over 5 yrs.		4			1			
Deaths	Under 5 yrs.				1				
	Over 5 yrs.					1	1		

Fourth Quarter.

Sickness	Under 5 yrs.		3						
	Over 5 yrs.					1			
Deaths	Under 5 yrs.								
	Over 5 yrs.								

IN THE FIRST QUARTER.

Eight deaths were registered from notified causes, viz., four under and four over five years of age—twelve from whooping cough, one from diarrhœa, and one from influenza. One hundred and twenty-one cases of infectious diseases were notified, viz., forty-five under and seventy-six over five years of age.

IN THE SECOND QUARTER.

Nine deaths were registered from notified causes, viz., five under and four over five years of age. Also twenty-six from measles, four from whooping cough, and one from diarrhœa. One hundred and thirty-seven cases of infectious diseases were notified, viz., forty-eight under and eighty-nine over five years of age.

IN THE THIRD QUARTER.

Seven deaths were registered from notified causes, viz., Three under and four over five years of age. Also two from measles, six from whooping cough, and eight from diarrhœa. Eighty-five cases of infectious diseases were reported, viz., thirty-five under and fifty over five years of age.

IN THE FOURTH QUARTER.

Six deaths were registered from notified causes, viz., five under and one over five years of age. Also one from measles, five from whooping cough, two from diarrhœa, and five from influenza. Fifty-nine cases of infectious diseases were notified, viz., twenty-four under and thirty-five over five years of age.

For a tabulated statement of deaths from infectious diseases see Tables IV. and V.

For a quarterly death-rate per 1000 per annum see Table III.

SCARLET FEVER.

This disease has been prevalent throughout the whole of the parish during the past year. Three hundred and twenty-one cases have been reported as occurring amongst two hundred and sixty families, and fourteen deaths have resulted from it. This shows a decrease of two hundred and twenty in the cases reported, and of ten in the deaths registered as compared with the year 1895. The bulk of the cases have been of a mild type, similar to those of last year, and the deaths are proportionately few. At the commencement of the year it was very prevalent throughout the district (with the exception of the Tividale Ward); the Blackheath and Rowley Regis Wards being the localities chiefly affected up to the beginning of April. It again increased in May and continued, without much abatement, until September, after which date it gradually declined.

During the whole of the twelve months it will be seen that scarlet fever was fairly prevalent, 9·5 per 1000 of the total population being attacked; but it is most gratifying to find that the rate of mortality from this cause has kept down to the low figure of ·41 per 1000 of the total population.

DIPHTHERIA.

Ten cases have been reported as occurring in ten families, with two deaths. This gives a rate of $\cdot 29$ per 1000 of the population attacked, with a mortality rate of $\cdot 60$ per 1000. They were all sporadic cases and each was traced to some unsanitary condition which has since been rectified.

MEMBRANOUS CROUP.

Ten cases of this disease have been reported as occurring in ten families and six deaths have resulted from it; five of them under five years of age and one over that age. They were all isolated cases and were scattered throughout the district. The rate per 1000 of the population attacked and the mortality rate are the same as those for diphtheria.

ENTERIC FEVER.

Thirty-two cases have been reported among twenty-six families; two were under five years and thirty over that age. There have been six deaths. The cases were scattered throughout the parish. The greatest number of cases were in the Old Hill Ward and occurred during the second quarter of the year.

Two occurred at No. 5, Oak Street, in the same house from which a case was reported last December.

Two at No. 222, Halesowen Road, probably due to an untrapped drain.

Two at No. 3, Wellington Street, due to uncovered ashpits adjoining house.

Two at No. 48 and one at No. 50, Hollybush Street, due to an offensive drain from adjoining house.

Four at an unnumbered house in Court Street, due to an untrapped drain in cellar and a contaminated well.

Two at No. 109, Halesowen Street, due to a leaking midden closet to house.

In three cases the disease has been contracted outside the district and the patients brought home to be nursed. All the other cases were disconnected with each other and were due to local causes.

The rate per 1000 of population attacked was $\cdot 95$ and the mortality rate per 1000 of the population was $\cdot 18$.

PUERPERAL FEVER.

Two cases have been reported. No deaths.

ERYSIPELAS.

Twenty-seven cases have been reported—three under and twenty-four over five years of age amongst twenty-two families. Two deaths have occurred.

MEASLES.

An epidemic of this disease was in full swing at the end of last year, especially in the Old Hill and Cradley Heath Wards, and it was found necessary to close several of the schools prior to the Christmas holidays. It was very prevalent throughout the whole of the parish until the end of August, when it appeared to have expended its force, and finally disappeared in December.

On February 22nd the Infant Departments of the Knowle and Tump Road Board Schools were closed.

On March 9th the Infant Department of the Lomey Town Board School was closed.

On March 13th the Boys' and Girls' Departments of the Knowle Board School were closed.

On March 13th the whole of the Departments of the Tividale Board Schools were closed.

On March 20th the whole of the Departments of the Rowley Regis National Schools were closed.

As the disease still remained unchecked, the re-opening of all these schools was postponed till after the Easter holidays. After the re-opening there was a marked increase of cases, especially in the upper division of the parish. A slight improvement took place towards the end of May and continued until August, after which date the disease gradually died out. Fifty deaths were recorded as due to this cause, giving a death-rate of 1·5 per 1000 of population.

The heavy mortality from this disease may, in a great measure, be accounted for by the fact that many people regard measles as a very trivial disease, and one that all must or should have; consequently the children are allowed to run about and expose themselves to cold without much interference on the part of their parents, with the result that bronchitis, pneumonia, and other chest and throat affections are contracted. In reality it is a very dangerous and fatal disease and requires quite as much care in treatment as scarlet fever or any other zymotic disease.

WHOOPIING COUGH.

Twenty-seven deaths have been registered from this disease—twenty-five under five years of age and two over that age. It has been scattered throughout the district, but the bulk of the cases were in the Blackheath, Old Hill, and Cradley Heath Wards, and it was most prevalent during the first six months of the year. The death-rate from this cause was ·8 per 1000 of the population.

DIARRHŒA.

This disease has not been so fatal as in previous years. Twelve deaths, all under five years of age, have been registered, as against twenty-four for last year. It was most prevalent in the Blackheath Ward. Two-thirds of the cases occurred in the third quarter of the year. The death-rate per 1000 of population was .36.

INFLUENZA.

The district has not been free from this disease all through the year. Eight deaths have been registered, all over five years of age. It has been most fatal in the Old Hill Ward. It did not assume the epidemic form which was so marked a feature in the previous five years. A considerable number of cases occurred, chiefly among children, between the middle of October and the end of December; they were spread over the whole district. It was complicated with bronchitis broncho-pneumonia, and frequently was accompanied with a rash, closely resembling scarlet fever in its early stage. The rash disappeared, as a rule, within from twenty-four to thirty-six hours.

The following table shows the deaths from Zymotic diseases for the last 14 years.

Causes of Death.	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896
Small Pox	5	1	3	0	0	0	0	0	0	0	1	0	0	0
Scarlet Fever	43	33	15	3	1	5	7	2	7	2	2	10	25	14
Measles	9	17	32	6	17	23	7	59	12	20	5	33	8	50
Diphtheria	1	1	5	0	0	0	0	2	0	0	0	2	1	2
Whooping Cough	55	2	11	20	4	57	15	11	8	14	28	7	25	27
Continued Fever	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Typhoid Fever	6	11	3	2	4	1	9	3	9	3	9	5	3	6
Diarrhoea	19	19	17	17	17	17	3	28	19	10	26	9	24	12
Croup	0	0	0	2	5	6	5	12	5	4	13	8	4	6
Erysipelas	0	0	0	1	2	1	0	1	0	7	2	3	2	2
Influenza	0	0	0	0	0	0	0	1	12	21	16	3	10	8
Cholera	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Puerperal Fever	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Totals	138	84	86	51	50	110	46	118	72	83	104	80	104	127

PREVENTIVE MEASURES ADOPTED.

Up to March 25th the same measures were carried out, at the public cost, as mentioned in my previous report, especially after scarlet fever, viz., stripping off wall-paper, washing the walls and ceiling with a solution of carbolic acid and, afterwards, whitewashing the same, and disinfecting the clothes, bedding, &c., at the steam disinfecter. After this date the Council decided that all disinfection (except fumigation by sulphur) should be done at the householder's cost and that it should not be compulsory. Consequently, we have now reverted to our old system, viz., visiting each case as soon as possible after notification, supplying disinfectants, issuing a circular warning patients against exposing themselves in public before they are free from the disease and before the house and clothing have been fumigated, removing all small-pox cases to hospital, prevention of children from infected houses attending school, attention to the water supply of the district, and the cleansing of drains and water courses.

This apparently retrograde step was decided upon, the Council being of opinion that any further system of disinfection could not be carried out sufficiently completely, on account of so many people frustrating the efforts of the Council by their deplorable ignorance of and opposition to all matters respecting disinfection; the Council fully recognising that disinfection, unless thorough, was practically useless.



EPITOME OF SANITARY WORK FOR THE PAST YEAR.

DEEP DRAINAGE.

The Upper Stour Valley Main Sewerage Board have laid the greater part of their main conduits, and the collecting sewers of the district may soon be connected therewith. In the Tividale Ward the Sewerage Board have provided Filtration Works. The sewers are all laid and are now ready for the house drains to be connected. The internal drainage of other parts of the district has been commenced.

HOUSE DRAINAGE.

I am pleased to say that the Council has arrived at a very wise decision in determining that all house connections shall be made under the superintendence of an Assistant Surveyor, especially appointed for that purpose, and it is hoped by that means to secure the best method of connection, the greatest efficiency in working, and the least danger to public health. I hope at the close of next year to be able to report that a vast number of connections have been made with the sewers.

SURFACE DRAINAGE.

The Surveyor's report (annexed), shows that he has devoted considerable attention to the Open Ditches and Water Courses. Four thousand seven hundred and fourteen yards of ditches have been cleaned out; four thousand and seventy-one yards of kerbing and channelling have been laid; and three hundred and fifty-four yards of pipes have been laid in the District during the past year.

NIGHT SOIL REMOVAL.

The same system is in existence as in former years, but the work of removal has been done more satisfactorily. The sites for tips are becoming very scarce and are causing the Council much anxiety, both on account of their scarcity and of the probability of their giving rise to unsanitary conditions in the immediate neighbourhood. The Council is endeavouring at the present moment to arrive at the best method of securing the adoption of a water carriage system throughout the district so as to dispose of the night soil through the sewers. This, in my opinion, is the most rational way of removal, although I feel sure that whatever system be adopted, whether it be slop water-closet or the more elaborate flush water-closet system, considerable difficulty and expense will be incurred in educating the people up to the use and not abuse of the same.

PAVING FOOTPATHS.

This work is still progressing, and a considerable length of footpaths has been paved in each Ward.

MORTUARY.

A Public Mortuary is in course of erection, and an additional one will probably be built in Tividale in the near future.

HOSPITAL ACCOMMODATION.

At present the Smallpox Hospital at Tividale is the only one we possess, but I am pleased to say that the Council have given much consideration to the providing of an additional Isolation Hospital. The question as to whether a Hospital shall be provided for this district alone, or whether the Council shall join in a scheme for having a Hospital for a conjoint area, is not yet decided, although negotiations are still being carried on with the Staffordshire County Council.

WATER SUPPLY.

Twenty-seven samples of water have been analyzed, and twenty three have been condemned as unfit for use.

Three hundred and thirty-three houses have been supplied with the South Staffordshire Company's water.

Turner's Hill and District are still without an adequate supply of water; all efforts to induce the S.S.W.W. Company to extend their mains in this direction have failed, and the solution of the problem, how to overcome this difficulty, seems as far off as ever. It would be a great advantage if the Water Supply were given at a greater pressure than is often the case in the summer time, and a particular advantage if it were a constant supply.

At Blackheath it has been a grievance of some years standing that during certain portions of the day no water can be drawn from the taps.

POLLUTION OF RIVERS.

Difficulties in connection with the pollution of rivers by galvanizer's waste acid has arisen at Tividale and Cradley Heath; but in both instances it appears that pollutions of this nature are reaching the same streams from other districts than Rowley Regis, and it is desirable that joint action of other local authorities with this Council should, if possible, be brought about. The Council have given particulars of this matter to the Staffordshire County Council, and I trust that joint action will be the speedy and effective result.

INSPECTIONS UNDER FACTORY AND WORKSHOPS' ACT.

A number of inspections have been made under this Act. The chief causes of complaint have been insufficient closet accommodation. In each instance the cause of complaint has been remedied.

CONTRAVENTION OF INFECTIOUS DISEASES (PREVENTION) ACT.

A conviction was obtained against S. Chatwin, 97, Oldbury Road, for sending his son to school whilst suffering from scarlet fever, after being cautioned by the Sanitary Inspector, and a fine of forty shillings and costs was imposed.

CONVICTIONS UNDER THE PUBLIC HEALTH ACT.

William Tibbetts, of Wollaston, was fined ten shillings and costs for failing to comply with an order of the Council to cleanse and render fit for human habitation house No. 21, Tibbett's Gardens. He was also ordered to pay the costs of the proceedings and to abate the nuisance arising from his neglect to comply with an order of the Council to cover over ashpits, repair leaking closets, and provide proper drainage and manure pits at houses Nos. 60—66, Corngreave Road.

Pharaoh Adams, of Reddall Hill, was fined two shillings and sixpence and costs for using an unlicensed slaughter-house after being cautioned by the Council.

OVERCROWDING.

Five cases have been brought before the notice of the Council. They have all been satisfactorily dealt with.



VACCINATION.

PARISH OF ROWLEY REGIS.

Vaccination Returns for the year ending Dec. 31st, 1896.

Total number of Births	...	...	...	1216
No. 1 District.—No. Vaccinated by Public Vaccinator	...			218
„ Private Practitioners				153
No. 2 District.—	„	Public Vaccinator	...	49
„ Private Practitioners				424
Number Insusceptible of Vaccination	...	...	...	0
„ Died Unvaccinated...	...	...	...	113
„ Postponed by Medical Certificate...		...	...	43
„ Removed to places unknown	...	...	...	7
„ Not Vaccinated *	...	...	...	209
			—	1216

* Several of these cases are not three months old, and are not, therefore, liable to be vaccinated.

This statement is supplied by Mr. L. B. Allen, Vaccination Officer

I am sorry to see that the number of unvaccinated children is considerably in excess of that for the previous year, and the old complaint still holds good of the inefficient manner in which a number of children are vaccinated. It has been repeatedly demonstrated in every epidemic of smallpox throughout the country that vaccination, to be efficient as a protective agent, must result in three or more pocks; and I cannot too strongly state my opinion that vaccination, in one or two places only, is not merely practically an evasion of the law, but confers no real and lasting benefit on the child.

In conclusion, Mr. Chairman and Gentlemen, it is with the greatest pleasure that I have to record that my relations with all the officers of the Council and the parish continue of the most harmonious character, and I sincerely thank them, one and all, for the great assistance they

have from time to time rendered me. I wish, also, to tender my thanks to Dr. Hickman, of the Guest Hospital, Dudley, for the kindly manner in which he placed his books and time at my disposal and afforded me all the information in his power. The weekly returns forwarded to me by the Head Teachers of our Elementary Schools have also been of the greatest service, and I trust they, too, will accept my best thanks for their good offices.

I append the Schedules of work done in the Departments of the Surveyor and the Sanitary Inspector, as furnished by each of those officers.

I have the honour to remain, gentlemen,

Yours obediently,

J. G. BEASLEY,

Medical Officer of Health to the Rowley
Regis Urban District Council.



Rowley Regis Urban District Council.

Inspector's Annual Report, 1896.

Total Inspections made	...	...	...	...	...	6,105
Nuisances abated	...	...	...	...	...	260
Ashpits emptied	...	...	...	...	...	8,058
Closets emptied	...	...	...	...	...	10,295
Loads of Refuse from above Closets and Ashpits	...	...	...	...	...	17,285
Houses disinfected	...	...	...	...	...	415
„ limewashed	...	...	...	...	...	271
Persons supplied with disinfectants	...	...	...	...	...	243
Slaughter Houses limewashed	...	...	...	...	...	96
Ashpits covered in	...	...	...	...	...	65
Closets built	...	...	...	...	...	12
„ repaired	...	...	...	...	...	29
„ removed	...	...	...	...	...	3
Ashpits repaired	...	...	...	...	...	8
Cowsheds inspected	...	...	...	...	...	114
Dairies and Milkshops	...	...	...	...	...	61
Canal Boats	...	...	...	...	...	92
Wells closed	...	...	...	...	...	13
Workshops cleansed	...	...	...	...	...	6
„ and Factories inspected	...	...	...	...	...	27

ELIJAH. T. BARNSELEY,

Jan. 23rd, 1897.

INSPECTOR.

COUNTY COUNCIL FORM,
SUMMARY of SANITARY WORK done in the Inspector of
 Nuisances' Department during the year 1896, in the Urban
 Sanitary District of ROWLEY REGIS.

		Inspections and Observa- tions made.	Formal Notices by Authority.	Nuisances abated after Notice.
Dwelling Houses and Schools.	{ Foul Conditions	... 321	44	44
	{ Structural Defects	... 4	4	4
	{ Overcrowding	... 5	5	5
	{ Unfit for Habitation	... 9	3	3
	Lodging-houses	... —	—	—
	Dairies and Milkshops	... 61	1	1
	Cowsheds	... 114	2	2
	Bakehouses	... —	—	—
	Slaughter-houses	... 96	0	0
	Canal Boats	... 92	6	4
	Ashpits and Privies	... 4923	122	122
	Deposits of Refuse and Manure	... 11	11	11
House Drainage.	{ Water Closets	... —	—	—
	{ Defective Traps	... 4	4	4
	{ No Disconnection	... —	—	—
	{ Other Faults	... 13	13	13
	Water Supply	... 267	16	16
	Pigsties	... 69	15	15
	Animals improperly kept	... 16	16	16
	Offensive Trades	... —	—	—
	Smoke Nuisances	... —	—	—
	Other Nuisances	... —	—	—
TOTALS		... 6105	262	260

	Nos.
Seizures of Unwholesome Food	...
Samples of Food taken for Analysis	...
„ „ found Adulterated	...
„ of Water taken for Analysis	... 27
„ „ Condemned as unfit for use	... 23

Precautions against Infectious Disease.

Lots of Infected Bedding Stoved or Destroyed	... 1468
Houses Disinfected after Infectious Disease	... 415
Schools „ „ „	...
Prosecutions for not notifying existence of Infectious Disease	—
Convictions „ „ „	—
Prosecutions for Exposure of infected persons or things	... 1
Convictions „ „ „	... 1

NOTE.—When an Inspection or Notice embraces more than one defect, it may be enumerated separately as regards each such defect.

Signed, E. T. BARNESLEY,
 Jan. 23rd, 1897 Inspector of Nuisances.

Rowley Regis Urban District Council.

List of Ditches cleaned out by Roadmen in 1896.

JANUARY.	150	yards	in Groveland.
	742	„	in Oldbury Road.
	200	„	in Bear Moore, Cradley Heath.
	50	„	in Four Ways Churchyard, Cradley Heath
	40	„	in Beggar's Row, Cradley Heath.
	60	„	in Lomey Town.
	213	„	in Oldbury Road.
JULY.	50	„	at the back of Cooksey's Hotel, Old Hill.
	50	„	in Halesowen Road.
	620	„	in Oldbury Road.
AUGUST.	369	„	in Mincing Lane.
	495	„	in Boundary ditch in Oldbury Road
	50	„	at Ross.
	37	„	at Beauty Bank, Old Hill.
	50	„	at Ross.
OCTOBER.	369	„	in Mincing Lane.
	495	„	in Oldbury Road.
	100	„	at Ross.
	37	„	at Beauty Bank, Old Hill.
NOVEMBER.	37	„	at Beauty Bank, Old Hill.
DECEMBER.	200	„	in Roway Lane.
	300	„	in Lower Chapel Street, Tividale.
	<hr/>		
	4714	Total.	
	<hr/>		

Pipes laid in 1896 by Roadmen.

30	yards of 6in. at Brades Road.
64	„ 9in. at Thorne Road.
32	„ 6in. „
10	„ 12in. „
5	„ 4in. at Dog Lane.
25	„ 12in. at Tadpole Hole.
35	„ 9in. at Tump Road.
37	„ 4in. at Trinity Street,
8	„ 4in. at Gipsy Lane
20	„ 4in. at Roway Lane.
30	„ 12in. at Cradley Pool.
30	„ 18in. „
20	„ 9in. at Rowley Road.
8	„ 4in. at Springfield Lane.
<hr/>	
354	Total.
<hr/>	

The following Houses have been supplied with the S.S. Water Company's Water in the Year ending December, 1896.

January ...	...	...	44
February...	...	...	18
March ...	...	...	15
April ...	...	...	29
May ...	...	...	45
June ...	...	...	5
July ...	...	...	7
August ...	...	...	70
September	...	...	49
October ...	...	...	42
November	...	...	3
December	...	...	6
<hr/>			
Total			333
<hr/>			

Kerbing and Channelling laid in 1896.

JANUARY.

190 yards at Reddall Hill.
 142 „ in Cradley Road.

FEBRUARY.

488 „ in Garratt's Lane.

MARCH.

420 „ in Garratt's Lane.

APRIL.

346 „ in Garratt's Lane.
 158 „ at Cock Green.

MAY.

158 „ at Blackheath.
 74 „ in Halesowen Street.

JULY.

260 „ at Scholding Green.

AUGUST.

81 „ at Scholding Green.
 470 „ in Halesowen Street.

SEPTEMBER.

10 „ at Scholding Green.
 154 „ at Cradley Road.
 166 „ in Halesowen Street.

OCTOBER.

142 „ on Tividale Road.
 64 „ in Brades Road.

NOVEMBER.

66 „ on Tividale Road.
 146 „ on Rowley Road.

DECEMBER.

28 „ in Roway Lane.
 20 „ at Old Hill.
 468 „ on Rowley Road.
 20 „ in Halesowen Street.

4071 Total.

Pipes laid in 1896 by Roadmen.

30	yards of 6in. at Brades Road.
64	„ 9in. at Thorne Road.
32	„ 6in. „
10	„ 12in. „
5	„ 4in. at Dog Lane.
25	„ 12in. at Tadpole Hole.
35	„ 9in. at Tump Road.
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